

## A Revised, Annotated Checklist of World Libytheidae

### Family Libytheidae Duponchel 1844 (= Libythaedidae Lucas 1899)

- A. Genus *Libythea* Fabricius 1807 (type = *L. celtis* Fuessly 1782, designated by Latreille 1810). Synonyms are *Hecarge* Ochsenheimer 1816, *Chilea* Billberg 1820, *Hypatus* Huebner 1822, and *Dichora* Scudder 1889 (type = *L. labdaca* Westwood 1851). Misspellings include *Lybithea* Rafinesque 1815, *Libythaesus* Boitard 1828, *Lybathea* Edwards 1874, and *Libethea* Wolcott 1936.
- 1a. *L. geoffroy alompra* Moore 1901 (= *hauxwelli* Moore 1901)—Burma, Tenasserim, Laos, Thailand.
  - b. *L. geoffroy antipoda* Boisduval 1859 (= *quadrinotata* Butler 1877)—New Caledonia, Lifu (Loyalty Islands).
  - c. *L. geoffroy bardas* Fruhstorfer 1914—Luzon, Mindoro, Cebu, Mindanao, Negros.
  - d. *L. geoffroy batchiana* Wallace 1869 (= *batjana* Fruhstorfer 1909/10)—Obi, Buru, Batjan, Halmahera, Morty, Sula Magoli.
  - e. *L. geoffroy celebensis* Staudinger-Boisduval 1859—Celebes, Macassar, Sula.
  - f. *L. geoffroy ceramensis* Wallace 1869 (= *seramensis* Fruhstorfer 1909/10)—Ceram, Amboina, Java.
  - g. *L. geoffroy deminuta* Fruhstorfer 1909/10—Babar, Damar, Wetar.
  - h. *L. geoffroy eugenia* Fruhstorfer 1909/10—New Guinea, Biak, Borneo, Fergusson, Kai, the Key Islands.
  - i. *L. geoffroy genia* Waterhouse 1938—NW coast of Australia (Darwin to Condillac and Cassini Islands).
  - j. *L. geoffroy geoffroy* Godart 1820 (= *geoffroyi* Wallace 1869)—Thailand, Java, Portugese Timor, Timor, Sula, Kepulauan Kangean.
  - k. *L. geoffroy howarthi* Petersen 1968—Rennell (Solomons).
  - l. *L. geoffroy maenia* Fruhstorfer 1909/10—Waigeu, Biak, Key Tual, Mysol, New Guinea.
  - m. *L. geoffroy nicevillei* Olliff 1891 (= *myrrha* Macleay 1866)—NE coast of Australia (Banks Island to Magnetic Island), Lord Howe Island.
  - n. *L. geoffroy orientalis* Godman & Salvin 1888—Guadalcanal, Bougainville, Choiseul, Kulambangra, Manam, Nissan, Rendova, Ysabel (Solomons).
  - o. *L. geoffroy philippina* Staudinger 1889 (= *philippensis* Fruhstorfer 1909/10)—Palawan, Mindanao, Camguin de Mindanao, Panaon, Bohol, Ticao (Philippines).
  - p. *L. geoffroy pulchra* Butler 1882 (= *neopommerana* Pagenstecher 1896)—New Britain, New Ireland.
  - q. *L. geoffroy sumbensis* Pagenstecher 1896—Sumba, Sumbawa.
  2. *L. collenettei* Poulton & Riley 1928—Nuka Hiva (Marquesas Islands).
  - 3a. *L. narina canuleia* Fruhstorfer 1909/10—North Celebes.
  - b. *L. narina luzonica* Semper 1889—Luzon, Mindanao, Palawan.
  - c. *L. narina nahathaka* Fruhstorfer 1914—Ceram, Amboina, Buru.
  - d. *L. narina narina* Godart 1819 (= *hatami* Kenrick 1911)—E. Java, Lombok, Lawang, Mauritum, Hatam in Dutch New Guinea.

- e. *L. narina neratia* Felder 1864 (= *nahathaka* D'Abbrera 1971)—Amboina, Batjan, Obi, Ceram, Halmahera.
- f. *L. narina rohini* Marshall 1880 (= *libera* de Niceville 1890, *hybrida* Martin 1896, *tibera* Pagenstecher 1902, *rohina* Mengel 1905)—Assam, E. Burma, Tenasserim, Thailand, Cochin China, Langkawi Islands, Sumatra.
- g. *L. narina sangha* Fruhstorfer 1914—Lombok, Sumba.
- h. *L. narina sumbawana* Fruhstorfer 1914—Sumbawa.
- 4a. *L. labdaca ancoata* new combination (= *L. ancoata* Grose-Smith 1891, *cinyras ancoata* Fruhstorfer 1898)—NW and SE coastal Madagascar.
- b. *L. labdaca labdaca* Westwood 1851 (= *labdaca werneri* Fruhstorfer 1903, *labdaea* Pagenstecher 1911)—equatorial Africa from Sierra Leone to Cameroon, Gabon, Congo, Uganda, W. Kenya, NW Tanzania, Ethiopia, and the Gulf of Guinea islands of Fernando Poo, Principe, and Sao Tome. One old "Honduras" record may be a mislabelling.
- 5a. *L. laius cinyras* new combination (= *L. cinyras* Trimen 1866)—Moka District, Mauritius Island (extinct).
- b. *L. laius laius* Trimen 1879 (= *lajus* Pagenstecher 1911, *L. werneri* Hering 1921, *labdaca laius* Swanepoel 1953)—E. coast of Africa from Natal to Kenya; relict on Sao Tome in the Gulf of Guinea.
- c. *L. laius lepitoides* new combination (= *L. lepitoides* Moore 1901, *celtis lepitoides* Pagenstecher 1911)—S. extremity of India, Ceylon.
- d. *L. laius tsiandava* Grose-Smith 1891—central Madagascar.
- 6a. *L. myrrha borneensis* Fruhstorfer 1914—Borneo, S. Flores.
- b. *L. myrrha carma* Fruhstorfer 1914—SE India.
- c. *L. myrrha hecura* Fruhstorfer 1914—W. Malaya.
- d. *L. myrrha myrrha* Godart 1819—Java, Bali, Lombok, Sumbawa, Sumba.
- e. *L. myrrha myrrhina* Fruhstorfer 1909/10—west-central Sumatra, Sultanate of Deli (island off NW coast of Java).
- f. *L. myrrha rama* Moore 1872—SW tip of India, west-central Ceylon.
- g. *L. myrrha sanguinalis* Fruhstorfer 1898 (= *L. sanguinalis* Mengel 1905)—Himalayas, west central India, Kashmir, Kulu, Sikkim, Bhutan, Assam, Burma, Tenasserim, Yunnan, Indo-China, Formosa.
- h. *L. myrrha thira* Fruhstorfer 1914—Yunnan, Tonkin, Hainan.
- i. *L. myrrha yawa* Fruhstorfer 1914—E. Java, Bali.
- 7a. *L. celtis amamiana* Shirozu 1956—Japan (Amami-Oshima).
- b. *L. celtis celtis* Fuessly 1782 (= *celtis ochracea* Milliere 1879, and other named aberrants)—S. Europe, N. Coast Algeria, Asia Minor, Caucasus, Afghanistan, Crimea, Central Asia, India (Chitral State), and the Mediterranean islands of Corsica, Sardinia, Cyprus, Sicily, Tyrrhenian Islands.
- c. *L. celtis celtoides* Fruhstorfer 1909 (= *celtis matsumurae* Fruhstorfer 1909)—Korea, Okinawa, Tsushima, Yakushima, Japan (Hokkaido, Honshu, Shikoku, Kyushu).
- d. *L. celtis chinensis* Fruhstorfer 1909—west and central China.
- e. *L. celtis formosana* Fruhstorfer 1909—Formosa, and Ishigaki and Iriomote (Ryukyu Islands).
- f. *L. celtis lepita* Moore 1857 (= *celtis conjuncta* Schawerda 1924)—central Ceylon, S. tip India, Bombay, N. Pakistan, Kashmir, Himalayas, Kumaon, Nepal, Sikkim, Tibet, Upper Burma, Assam, Thailand.
- g. *L. celtis sopherne* Fruhstorfer 1914—Mekong, Tibet.

- B. Genus *Libytheana* Michener 1943 (type = *L. bachmanii* Kirtland 1851).
- 8a. *L. carinenta carinenta* Cramer 1779 (= *carinata* Burmeister 1878, *carineuta* Kirby 1896)—South America to 35° S. Lat.
- b. *L. carinenta mexicana* Michener 1943—Mexico (except Baja) and Central America.
9. *L. terena* Godart 1819 (= *motya* Huebner [in part] 1823, *carinenta terena* Fruhstorfer 1898)—Jamaica, Hispaniola, Puerto Rico, and Para, Brazil.
- 10a. *L. bachmanii bachmanii* Kirtland 1851 (= *bachmani* Saunders 1868, *carinenta bachmanni* Fruhstorfer 1898, *bachmannii* Klots 1951)—eastern United States and Ontario, Canada. Cuban records for Havana Prov.
- b. *L. bachmanii larvata* Strecker 1877 (= *carinenta larvata* Mengel 1905)—Texas (west of Dallas-Houston, to S. California, Baja, and Mexico N. of the Trans-Mexican Volcanic Axis.
11. *L. motya* Huebner 1823 (= *terena* Herrich-Schaffer 1864, *carinenta motya* Fruhstorfer 1898)—Cuba, Guatemala (one record); Brownsville, Texas; Isle of Pines, Hispaniola (Santo Domingo), and Puerto Rico.
12. *L. fulvescens* Lathy 1904 (= *carinenta fulvescens* Pagenstecher 1911)—Dominica (Lesser Antilles).

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